

MATHEMATICS

Paper 1: Number – 45 minutes

- Vertical algorithms – Whole numbers (four operations)
- Rounding and estimating
- Order of Operations (BEDMAS/BEMA)
- Integers (+ and -)
- Exponents, square roots, factors, multiples, primes
- Multiplying / dividing by powers of 10
- Rounding to 1, 10, 100, 1000
- Place Value: millions to thousandths
- Estimation
- Strategies – Place value partitioning / rounding and compensating / doubling and halving
- Vertical algorithms with decimals (four operations)
- Ordering fractions, decimals and percentages
- Rounding to 2dp
- Equivalent fractions
- Fractions and percentages of amount
- Conversions (fractions to decimals to percentages – vice versa)
- Simplifying fractions to lowest terms
- Addition and subtraction of fractions and decimals
- Proper, improper and mixed number fractions
- Rounding to 2dp

Paper 2: Algebra – 30 minutes

- Number and geometric patterns
- Collecting like terms (Simplifying)
- Substitution
- Solving linear equations
- Writing equations to and solving

Paper 3: Size & Position – 30 minutes

- Using and finding coordinates
- Compass bearings and distance
- Scale

ENGLISH

Paper 1: Narrative Writing – 60 minutes

When writing the narrative the following characteristics must be evident:

- Writes a well -developed, clear orientation and setting
- Creates a complication

- Character development
- Writes a well-developed series of events
- Writes a resolution that is connected to the orientation and complication
- Writes a clear message or theme

The following language features must be evident in the narrative:

- Adjectives and adverbs to create clear images
- Similes, metaphors, personification, alliteration, onomatopoeia
- Dialogue correctly used
- Correct use of third or first person
- Past tense used consistently
- Ideas are organised in clear paragraphs
- A variety of sentence beginnings are used
- Correct punctuation used
- Sentences vary in length
- The senses used: sight, smell, taste, hear, feel
- Conjunctions and connectives used to join sentences

Paper 2: Comprehension – 55 minutes

Reading texts and applying various comprehension strategies such as:

- Finding word Meaning in Context
- Identifying Authors Purpose
- Interpreting Main Ideas
- Drawing Conclusions and Making Inferences
- Recalling Facts and Details
- Using synonyms
- Understanding sequence
- Summarising
- Locating information using various sources

Paper 3: Formal and Visual Language – 50 minutes

- Proof Reading and Punctuation i.e. apostrophes, spelling strategies
- Grammar/Language Features: Nouns, adverbs, metaphors, personification, direct speech, finding information
- Visual Language interpretation: Cartoons, advertising, posters

SCIENCE

Light: 60 minutes

- Pre-Test corrections
- Video notes
- Seeing light
- Human eye
- Reflections –mirror work
- Angles of Incidence and Reflection
- Protractor use – Measuring angles
- Refraction

End-Year Examination Week Timetable

Monday 31st October

Period 1 – Science

Period 4 – Mathematics: Number

Tuesday 1st November

Period 2 – English: Comprehension

Period 4 – Mathematics: Algebra

Wednesday 2nd November

Period 1 – English: Writing

Period 3 – Mathematics: Size and Position

Thursday 3rd November

Period 4 – English: Language



**SAINT KENTIGERN
SCHOOL**

Examination Study Guide and Timetable for Year 7 End of Year Examination Week 2011

Name: _____

